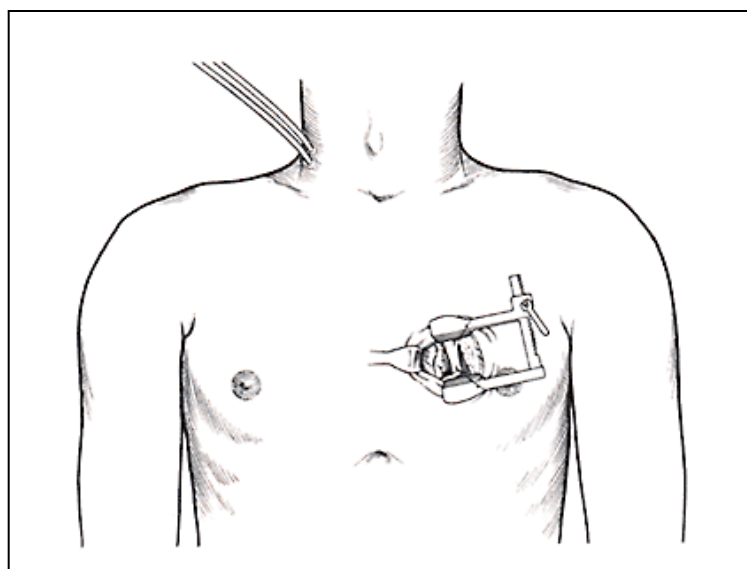


Minimally Invasive Cardiac Surgery - Coronary Artery Bypass Grafting (MICS CABG)

For suitable patients, Trillium Health Centre offers a minimally invasive surgical approach to treating blockages in the coronary arteries, known as **Minimally Invasive Cardiac Surgery - Coronary Artery Bypass Grafting (MICS CABG)**.

What is MICS CABG?

- The surgeon creates a tiny, two-and-a-half inch opening between two ribs in the left side of the chest to gain access to the heart.
- A mammary artery is taken from the chest to bypass a coronary artery through this keyhole-size opening. Sometimes an artery in your arm can be used.
- Suturing occurs while the heart is still beating. A stabilization system is used to steady only the portion of the heart where the surgeon is working.
- The stabilization system avoids use of the heart-lung machine so the surgeon can carefully work on your heart while it continues to beat.



Is the MICS CABG procedure for everyone?

- The MICS CABG procedure can be used on patients who have blockages that are easy to bypass through a small incision in the left chest.
- This procedure is used for patients who have blockages on the left side of the heart.

What advantages does this approach offer patients?

- Quicker recovery times
- Patients may experience less pain with coughing and deep breathing after the operation
- Less need for blood transfusions
- Less chance of getting chest wound infections
- Reduced risk of stroke.

How long is the typical hospital stay compared to open heart surgery?

- The average hospital stay is 5 - 7 days for Coronary Artery Bypass patients.
- In our experience, the average length of stay is reduced by two days for the MICS CABG procedure.
- Within 4 weeks, most MICS CABG patients can return to their normal activity level, compared with 2 - 3 months for patients who have had the traditional method of Coronary Artery Bypass surgery.

If you and your family member require more information about **Minimally Invasive Cardiac Surgery - Coronary Artery Bypass Grafting (MICS CABG)** please talk to any member of our health care team.